02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL

Escambia Basin
Upper Conecuh Subbasin

LOCATION.--Lat 31°21′40″, long 86°31′11″ referenced to North American Datum of 1927, Covington County, AL, Hydrologic Unit 03140301, on right bank wingwall of Point A Dam, 1.65 miles upstream of U.S. Highway 84 bridge, 1.4 miles northeast of River Falls, 4 miles northwest of Andalusia, and at river mile 79.50.

DRAINAGE AREA.--1,273 mi^2.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--June 1999 to September 2009; October 2011 to current year. October 2009 to September 2011, gage heights only. National Weather Service (NWS) gage located at bridge 1.65 mi downstream.

GAGE.--Water-stage recorder. Datum of gage is 120.80 ft above NGVD of 1929.

REMARKS.--Record considered poor

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of March 15, 1929 reached a stage of 52.5 ft and flood of March 18, 1990 reached a stage of 48.0 ft at "Conecuh River at River Falls" 02372430 site located 1.65 mi downstream. Gage readings are to datum of current gage at dam.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 7,500 ft^3/s and (or) maximum (*):

Date	Time	Discharge (ft^3/s)	Gage height (ft)
Sep 4	1915	*7,790	*17.76

Minimum discharge, 36 ft^3/s, on many days, gage height, 7.09 ft.

Suggested citation: U.S. Geological Survey, 2013, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 02372422, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/02372422.2012.pdf

02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL—Continued

DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	51	41	552	520	991	1,070	2,090	132	90	77	130	80
2	48	41	205	724	653	1,460	2,350	78	89	77	80	80
3	193	41	324	372	864	977	2,350	591	90	227	80	80
4	48	41	178	516	627	1,170	2,830	304	89	194	78	3,710
5	48	41	617	481	639	1,170	3,590	209	88	81	79	5,530
6	49	41	231	517	665	959	3,030	77	88	81	79	3,040
7	49	138	285	178	673	714	2,000	445	88	82	437	1,370
8	46	100	210	447	506	729	1,760	295	282	179	78	1,200
9	45	41	178	652	714	1,020	1,020	561	377	82	79	631
10	230	40	435	307	377	595	971	284	2,780	414	999	595
11	43	138	46	97	469	889	695	218	1,400	590	1,010	584
12	43	140	566	643	574	643	892	375	1,990	81	452	409
13	152	42	45	393	166	890	573	616	1,820	184	82	73
14	44	217	46	341	823	610	386	775	1,620	225	359	425
15	44	44	571	278	88	709	556	956	1,580	81	350	270
16	44	348	98	540	1,230	867	349	1,520	1,870	82	289	71
17	44	216	45	493	1,260	1,070	615	552	1,270	275	360	447
18	212	49	315	904	2,440	419	472	828	887	763	152	580
19	43	204	264	681	4,400	666	551	846	589	322	394	459
20	44	271	198	567	5,130	703	539	405	370	535	243	348
21	44	48	1,060	706	3,230	576	756	598	390	185	319	273
22	44	438	927	926	3,540	492	900	406	78	311	319	314
23	44	408	1,480	1,340	3,380	485	746	218	304	564	375	221
24	41	45	1,540	1,620	3,620	707	329	66	418	80	280	364
25	141	46	1,400	1,520	3,130	1,700	282	67	80	81	81	147
26	42	46	1,020	1,650	2,320	2,410	624	327	75	82	309	59
27	42	565	1,250	1,320	2,040	2,460	321	163	73	82	421	74
28	77	757	889	1,400	1,400	2,110	103	68	74	82	280	74
29	193	134	994	1,350	1,420	1,790	487	396	75	83	79	389
30	41	503	1,060	1,230	---	1,080	326	87	76	82	78	438
31	42	---	692	811	---	1,530	---	89	---	444	79	---
Total	2,271	5,224	17,721	23,524	47,369	32,670	32,493	12,552	19,100	6,708	8,430	22,335
Mean	73.3	174	572	759	1,633	1,054	1,083	405	637	216	272	744
Max	230	757	1,540	1,650	5,130	2,460	3,590	1,520	2,780	763	1,010	5,530
Min	41	40	45	97	88	419	103	66	73	77	78	59
Cfsm	0.06	0.14	0.45	0.60	1.28	0.83	0.85	0.32	0.50	0.17	0.21	0.58
In.	0.07	0.15	0.52	0.69	1.38	0.95	0.95	0.37	0.56	0.20	0.25	0.65

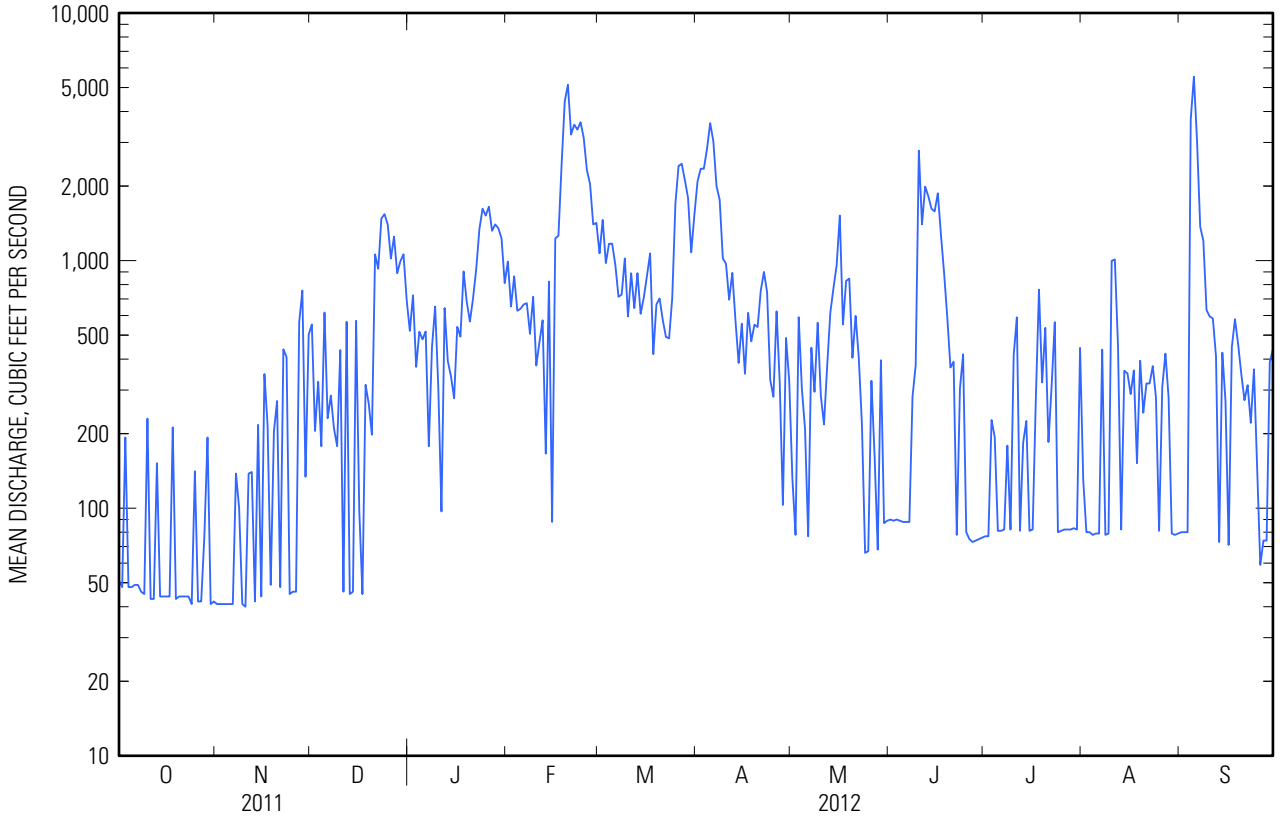
STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1999 - 2012, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	443	856	1,802	1,753	2,042	2,907	2,175	876	865	904	813	763
Max	1,016	2,542	9,464	6,149	5,340	9,953	6,574	2,270	3,940	4,274	3,103	3,305
(WY)	(2003)	(2010)	(2010)	(2010)	(2010)	(2001)	(2005)	(2009)	(2003)	(2003)	(2003)	(2004)
Min	73.3	174	398	759	684	1,054	597	143	74.8	62.0	66.6	107
(WY)	(2012)	(2012)	(2007)	(2012)	(2000)	(2012)	(2000)	(2000)	(2011)	(2000)	(2007)	(2007)

02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL—Continued

SUMMARY STATISTICS

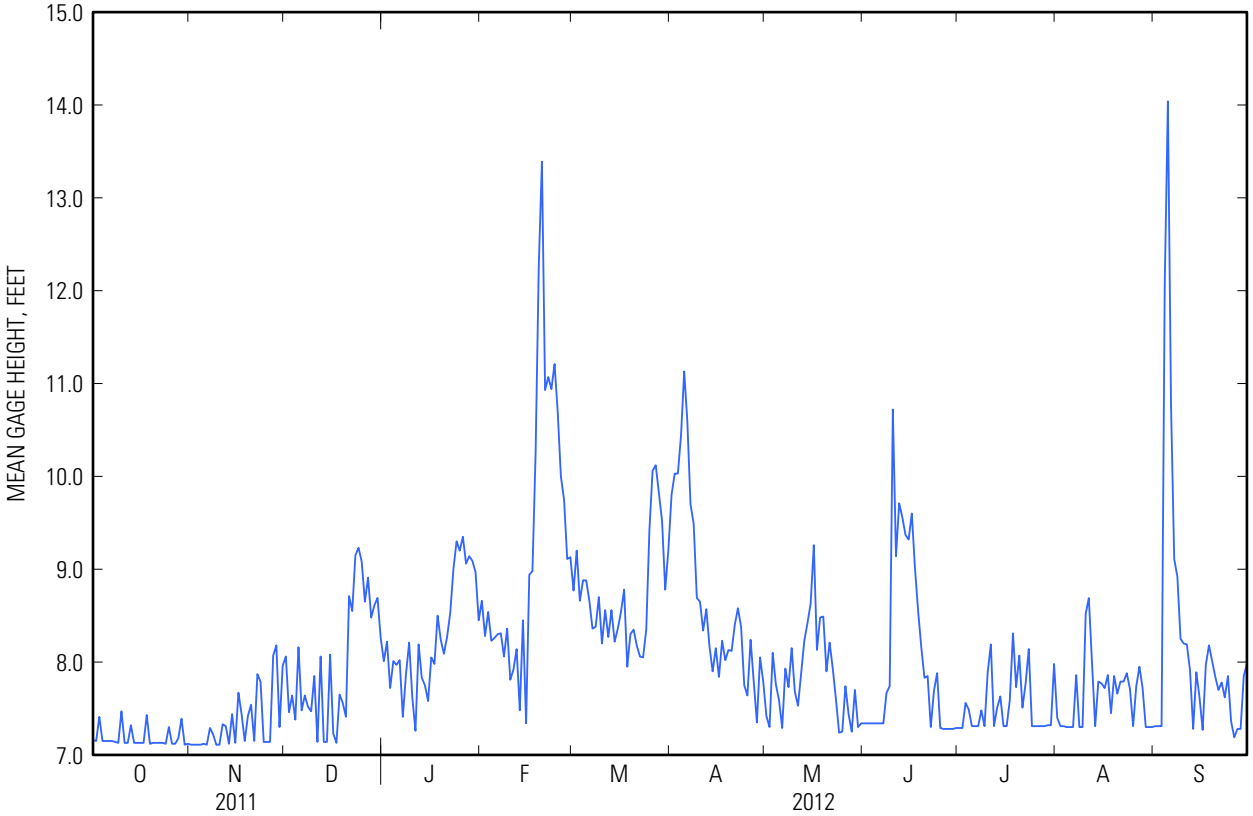
	Calendar Year 2011		Water Year 2012		Water Years 1999 - 2012	
Annual total	227,649		230,397			
Annual mean	624		630		1,340	
Highest annual mean					2,810	2010
Lowest annual mean					429	2000
Highest daily mean	5,810	Mar 15	5,530	Sep 5	30,100	Mar 7, 2001
Lowest daily mean	40	Nov 10	40	Nov 10	19	Aug 13, 2000
Annual seven-day minimum	41	Oct 30	41	Oct 30	24	Jul 20, 2000
Maximum peak flow			7,790	Sep 4	32,100	Mar 7, 2001
Maximum peak stage			17.76	Sep 4	42.58	Mar 7, 2001
Annual runoff (cfsm)	0.490		0.495		1.05	
Annual runoff (inches)	6.65		6.73		14.30	
10 percent exceeds	1,540		1,520		3,110	
50 percent exceeds	198		375		711	
90 percent exceeds	45		48		83	



02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL—Continued

GAGE HEIGHT, FEET
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	7.16	7.11	8.06	8.01	8.66	8.77	9.80	7.42	7.34	7.29	7.40	7.31
2	7.15	7.11	7.46	8.22	8.28	9.20	10.03	7.30	7.34	7.29	7.31	7.31
3	7.41	7.11	7.64	7.72	8.54	8.66	10.03	8.10	7.34	7.56	7.31	7.31
4	7.15	7.11	7.38	8.01	8.23	8.88	10.44	7.76	7.34	7.49	7.30	12.06
5	7.15	7.12	8.16	7.97	8.26	8.88	11.13	7.59	7.34	7.31	7.30	14.04
6	7.15	7.11	7.48	8.02	8.30	8.66	10.59	7.29	7.34	7.31	7.30	10.76
7	7.15	7.29	7.64	7.41	8.31	8.36	9.70	7.93	7.34	7.31	7.86	9.11
8	7.14	7.22	7.52	7.87	8.06	8.38	9.49	7.73	7.67	7.48	7.30	8.92
9	7.13	7.11	7.47	8.21	8.36	8.70	8.69	8.15	7.74	7.31	7.30	8.25
10	7.47	7.11	7.85	7.62	7.81	8.20	8.65	7.68	10.72	7.89	8.52	8.20
11	7.13	7.33	7.14	7.26	7.92	8.56	8.34	7.53	9.14	8.19	8.69	8.19
12	7.13	7.31	8.06	8.19	8.14	8.27	8.57	7.88	9.71	7.31	7.99	7.91
13	7.32	7.12	7.14	7.83	7.48	8.56	8.17	8.23	9.56	7.51	7.31	7.28
14	7.13	7.44	7.14	7.75	8.45	8.22	7.90	8.42	9.37	7.63	7.79	7.89
15	7.13	7.13	8.08	7.58	7.34	8.36	8.15	8.63	9.32	7.31	7.77	7.62
16	7.13	7.67	7.23	8.05	8.94	8.54	7.84	9.26	9.60	7.31	7.72	7.27
17	7.13	7.44	7.13	7.98	8.98	8.78	8.23	8.13	9.01	7.59	7.86	7.97
18	7.43	7.15	7.65	8.50	10.25	7.95	8.02	8.48	8.55	8.31	7.45	8.18
19	7.12	7.42	7.56	8.24	12.26	8.30	8.13	8.49	8.16	7.73	7.85	8.01
20	7.13	7.54	7.41	8.09	13.39	8.35	8.12	7.90	7.83	8.07	7.66	7.84
21	7.13	7.15	8.71	8.27	10.93	8.18	8.40	8.21	7.85	7.51	7.79	7.70
22	7.13	7.87	8.55	8.53	11.07	8.06	8.58	7.93	7.30	7.77	7.79	7.78
23	7.13	7.79	9.15	9.00	10.94	8.05	8.38	7.60	7.69	8.14	7.88	7.62
24	7.12	7.14	9.23	9.30	11.21	8.35	7.75	7.24	7.88	7.31	7.71	7.85
25	7.30	7.14	9.08	9.20	10.69	9.42	7.64	7.25	7.29	7.31	7.31	7.36
26	7.12	7.14	8.65	9.35	10.00	10.06	8.24	7.74	7.28	7.31	7.74	7.19
27	7.12	8.07	8.91	9.06	9.75	10.12	7.79	7.44	7.28	7.31	7.95	7.28
28	7.18	8.18	8.48	9.14	9.11	9.82	7.35	7.25	7.28	7.31	7.72	7.28
29	7.39	7.30	8.61	9.09	9.13	9.52	8.05	7.70	7.28	7.32	7.30	7.85
30	7.11	7.96	8.69	8.97	---	8.78	7.79	7.30	7.29	7.32	7.30	7.98
31	7.12	---	8.26	8.45	---	9.21	---	7.34	---	7.98	7.30	---
Mean	7.18	7.36	7.98	8.29	9.27	8.71	8.67	7.84	8.07	7.54	7.64	8.24
Max	7.47	8.18	9.23	9.35	13.39	10.12	11.13	9.26	10.72	8.31	8.69	14.04
Min	7.11	7.11	7.13	7.26	7.34	7.95	7.35	7.24	7.28	7.29	7.30	7.19

	Calendar Year 2011	Water Year 2012
Mean	7.96	8.06
Max	14.35	14.04
Min	7.11	7.11

02372422 CONECUH RIVER BELOW POINT A DAM AT RIVER FALLS, AL—Continued